

**“Curriculum vitae”**  
**Last Updated: March 2024**

## **PERSONAL DETAILS**

### **Parisa Pakrooh**

**Place and Date of Birth:** Iran, East Azerbaijan, Tabriz, 20<sup>th</sup> April 1992

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**Google Scholar:** <https://scholar.google.com/citations?user=caXQrX0AAAAJ&hl=en>

## **RESEARCH INTERESTS AND BAKGROUNDS**

Environmental Economics, Energy Economics, Agricultural Economics.

## **EDUCATIONS**

- |                              |   |
|------------------------------|---|
| <b>Sep2017 - July2021</b>    | <b>Ph.D. of Education</b> , Agricultural Economics, Natural Resources and Environmental Economics, University of Tabriz, Iran<br><b>Thesis:</b> Effects of Energy-Related Policies on Fossil Energy Consumption in the Agricultural Sector<br><b>Supervisors:</b> Prof. Babollah Hayati, Prof. Esmaeil Pishbahar<br><b>Advisors:</b> Prof. Erik Runar Brännlund, Prof. Javad Nematian |
| <b>March 2020-April 2021</b> | <b>Visiting Ph.D. Candidate</b> at Center of Environment and Resources Economics (CERE), Umea School of Business, Economics and Statistic (USBE), University of Umea in cooperation with SLU University, Sweden.<br><b>Supervisor:</b> Prof. Erik Runar Brännlund   |
| <b>Sep2014 – Sep2016</b>     | <b>Master of Education</b> , Agricultural Economics, University of Tabriz, Iran<br><b>Thesis:</b> Analysis of Correlation among Oil Price, Exchange Rate and Input Prices for Livestock and Poultry Industry in Iran: Using Vine Copula-MGARCH Model.<br><b>Supervisor:</b> Prof. Esmaeil Pishbahar<br><b>Advisor:</b> Prof. Mohammad Ghahremanzadeh                                  |
| <b>Sep 2010 – Sep 2014</b>   | <b>Bachelor of Education</b> , Agricultural Economics, University of Tabriz, Iran<br><b>Thesis:</b> Households Attitude Toward Medicinal Plants<br><b>Supervisor:</b> Prof. Babollah Hayati   |

## **WORKING EXPERIENCES**

1) Since Feb 2023, Marie Curie Postdoctoral Research Fellow at Fondazione Eni Enrico Mattei (FEEM), Milan, Italy. (<https://www.feem.it/en/chi-siamo/persona/parisa-pakrooh/>)

**Supervisor:** Professor Matteo Manera

2) From August 2021 to August 2022, Researcher at Department of Agricultural Economics, University of Tabriz, Iran.

**Supervisor:** Professor Babollah Hayati.

3) From March 2020 to April 2021, Researcher at Center of Environment and Resources Economics (CERE), Umea School of Business, Economics and Statistic (USBE), University of Umea in cooperation with SLU University, Sweden.

**Supervisor:** Prof. Erik Runar Brännlund

## **PUBLICATIONS**

### **1) Journals, Conferences and Seminars**

1. **Pakrooh, Parisa.**, Nammouri, Hela., Ben Jabeur, Sami. Assessing the CO2 Emissions: Insight from Varied Income Groups. *Recent Trends and New Developments in Sustainable, Green and International finance Workshop from May 13th to 14th 2024 in Paris La Defense Campus, France (forthcoming)*.
2. **Pakrooh, Parisa** and Manera, Matteo. Causality, Connectedness, and Volatility Pass-through among Energy-Metal-Stock-Carbon Markets: New Evidence from the EU. *Applied Energy, (forthcoming)*.
3. Casoli, Chiara., Manera, Matteo., **Pakrooh, Parisa.**, Valenti, Daniele. Parallel PATHs: structural scenarios for environmental impacts in a Bayesian Structural GVAR model, *29th Annual Conference of the European Association of Environmental and Resource Economists, 1-4 July 2024, Leuven-Belgium, (forthcoming)*.
4. Magazzino, Cosimo., **Pakrooh, Parisa.** Effects of energy prices on CO2 emissions with a STIRPAT model, *29th Annual Conference of the European Association of Environmental and Resource Economists, 1-4 July 2024, Leuven-Belgium, (forthcoming)*.
5. Magazzino, Cosimo., **Pakrooh, Parisa.** and Kamal, Muhammad. (2024). Relationship among GHG emissions and AFOLU Activities: A case study for Iran. *Agricultural Research, Springer, Accepted, (forthcoming)*.
6. Casoli, Chiara., Manera, Matteo., **Pakrooh, Parisa.**, Valenti, Daniele. Parallel PATHs:

structural scenarios for environmental impacts in a Bayesian Structural GVAR model, *4th Italian Workshop of Econometrics and Empirical Economics: Climate and Energy Econometrics*”, Bolzano-Bozen, 25-26 January 2024, Presented, Bolzano, Italy.

7. **Pakrooh, Parisa** and Manera, Matteo. Causality, Connectedness, and Volatility Pass-through among Energy-Metal-Stock-Carbon Markets: New Evidence from the EU. *4th Italian Workshop of Econometrics and Empirical Economics: Climate and Energy Econometrics*”, Bolzano-Bozen, 25-26 January 2024, Presented, Bolzano, Italy.
8. Ata, Behnam., **Pakrooh, Parisa**, and Péntzes János. (2023). Driving factors of CO2 emissions in residential sector of Iran. *Scientific Reports*, 13(1): 17598. <https://www.nature.com/articles/s41598-023-44975-x>
9. **Pakrooh, Parisa.**, Kamal, Muhammad. (2023). Modeling the Potential Impacts of Climate Change on Wheat Yield in Iran: Evidence from National and Provincial Data Analysis. *The 2023 International Conference on Sustainability, Environment, and Social Transition in Economics and Finance (SESTEF 2023)*, 14-16 December 2023, Presented, Southampton, UK.
10. **Pakrooh, Parisa.**, Kamal, Muhammad. (2023). Modeling the Potential Impacts of Climate Change on Wheat Yield in Iran: Evidence from National and Provincial Data Analysis, *Ecological Modelling*, 486, 110513.
11. Magazzino, Cosimo., **Pakrooh, Parisa.**, and Zeynali, Muhammad. (2023). A Decomposition and Decoupling Analysis of Carbon Dioxide Emissions for OECD Members. *Environment, Development, Sustainability*. Published September 2023. <https://link.springer.com/article/10.1007/s10668-023-03824-7>
12. Ata, Behnam., **Pakrooh, Parisa**, Barkat, Ayoub., Benhizia, Ramiz. and Péntzes János. (2022). Inequalities in Regional Level Domestic CO2 Emissions and Energy Use: A Case Study of Iran, *Energies*, Vol. 15(11):1-26.
13. Yadavar, Hossein., **Pakrooh, Parisa**. (2021). Determining the intention and behavior of organic consumer by using BASNEF model. *Agricultural Science and Sustainable Production*, Vol. 32(3): 353-367.
14. Yadavar, Hossein., **Pakrooh, Parisa**. (2021). Determination of Effective Components on Consumer Behavior of Healthy and Organic Products Based on BASNEF Model, *Agricultural Extension and Education Research*, Vol. 14(2): 80-92.
15. **Pakrooh, Parisa.**, Brännlund, Runnar. (2021). “Examining the Environmental Kuznets Curve in Sweden to Assess the Nexus of Economic Sectors”, *Pollution*, 7(3):585-606.
16. **Pakrooh, Parisa.**, Pishbahar, Esmaeil., Hayati, Babollah., Nematian, Javad. (2021). Managing CO2 Emissions through Focus on Energy Policies: Fresh Evidence from

Iran's Agriculture Sector, *Environmental Energy and Economic Research*, 5(3):1-20.

17. **Pakrooh, Parisa.**, Nematia., Javad., Pishbahar, Esmaeil., Hayati, Babollah. (2021). Reforming energy prices to achieve sustainable energy consumption in the agriculture sector of Iran's provinces: Using Game approach, *Journal of Cleaner production*, 293 (126146).
18. **Pakrooh, Parisa.**, Hayati, Babollah., Pishbahar, Esmaeil., Nematian, Javad., and Brännlund, Runnar. (2020). Focus on the provincial inequalities in energy consumption and CO2 emissions of Iran's agriculture sector. *Science of the Total Environment*, 715 (137029).
19. Shakeri Bostanabad, Reza, Rasouli Beirami, Zahra, Salehi Komrudi, Mohsen, **Pakrooh, Parisa.** (2020). The impact of Expectations, Liquidity Surplus and Demand side on Inflation Dynamics in Iran: Hybrid New Keynesian Phillips Curve approach, *Journal of Islamic Economics and Banking*, 9(31): 147-171.
20. **Pakrooh, Parisa** and Pishbahar, Esmaeil. (2019). "Forecasting Air Pollution Concentrations in Iran, Using a Hybrid Model". *Pollution*, 5(4): 739-747.
21. **Pakrooh, Parisa.** (2018). The Impact of Protein Food Price Change on the Iranian Producer and Consumer Welfare. *Journal of Economic: Monthly review of economic issues and policies*, 18(1): 69-94.
22. **Pakrooh, Parisa** and Pishbahar, Esmaeil. (2018). Long-Term Memory in Chicken Meat and Related-Inputs. *Journal of Economic: Monthly review of economic issues and policies*, (Forthcoming).
23. **Pakrooh, Parisa**, Pishbahar, Esmaeil and Ghahremanzadeh, Mohammad. (2018). Analysis of Correlation among Oil Price, Exchange Rate and Input Prices for Livestock Industry in Iran: Using Vine Copula-MGARCH Model. *Journal of Agricultural Economics*, 12(2):1-19.
24. Pishbahar, Esmaeil and **Pakrooh, Parisa.** (2017). Causal Relationships among Macroeconomic Variables and Growth in Iran by Using the Bayesian Casual Map Method. *Journal of Economics Science*, Volume 11, Issue 22, Winter and Spring 2017.
25. **Pakrooh, Parisa**, Pishbahar, Esmaeil and Ghahremanzadeh, Mohammad. (2017). Correlation among Oil Price, Exchange Rate and Input Prices for Poultry Industry in Iran: Using Vine Copula-MGARCH Model. *Journal of Agricultural Economics and Development*, Vol. 31, No. 3, Fall 2017, p. 207-215.
26. **Pakrooh, Parisa.** (2016). Urban Agriculture, *Journal of Urban Economics*, Tehran Municipality.

27. Hosseinzad, Javad and **Pakrooh, Parisa**. (2016). Analysis of the Structural Change in Consumer Preferences of Red and Chicken Meat in Iran. *Journal of Animal Science Researches (Agricultural Science)*, Volume & Issue: Volume 26, Issue 1, Spring 2016.
28. **Pakrooh, Parisa.**, Hayati, Babollah and Karmolachaab, Azim. (2019). Socio-Economic and Environmental Effects of Dust Phenomenon in Khuzestan. *4th International Conference of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 14-16 August 2019, Islamic Art University of Tabriz, Iran.*
29. **Pakrooh, Parisa.**, and Alipour, Mina. (2019). Forecasting Energy Consumption in Agricultural Sector of Iran: Using ARFIMA MODEL, *Second International and Sixth National Conference of Organic vs. Controversial Agriculture, 25 & 26 August 2019, University of Ardabil, Iran. (Top Speaker and Article).*
30. **Pakrooh, Parisa.**, and Hayati, Babollah. (2019). Analysis the correlation between climate change and agricultural sector in Iran, *6th International Conference of Climate Change, November, Tehran, Iran.*
31. Vajdi, Farnoosh and **Pakrooh, Parisa**. (2018). Modeling the price fluctuation in livestock and poultry industry inputs for Iran, *The 11th Biennial Conference of Agricultural Economics in Iran, Tehran, Iran.*
32. Vajdi, Farnoosh and **Pakrooh, Parisa**. (2018). Seasonal Unit root in lamb and calve Meat Prices, *The 11th Biennial Conference of Agricultural Economics in Iran, Tehran, Iran.*
33. **Pakrooh, Parisa** and Hayati, Babollah. (2018). Analysis the relationship between GDP, energy consumption, and pollutant emissions in Iran, *The 11th Biennial Conference of Agricultural Economics in Iran, Tehran, Iran.*
34. **Pakrooh, Parisa** and Hosseinzad, Javad. (2018). Analysis the Effects of Changes in the Protein Product price on the Producers and Consumers Welfare in Iran. *Second International Conference on Economics, Accounting and Management, Stockholm School of Economics, Oral Presentation, August 2018, Sweden.*
35. **Pakrooh, Parisa** (2018). Analysis of the Affecting Factors on the Share of Employees in Different Sectors of Iran's Economy: Using the Fractional Probit Regression Approach, *2nd International Conference on Management and Business, Tabriz, Iran.*
36. **Pakrooh, Parisa** and Emami Meybodi, Ahmad. (2017). Limitations on Agricultural Financing in Metropolises and Suggestions for Tehran City, *2nd International Conference on Management and Economic Cohesion in Development, Tehran, Iran.*
37. **Pakrooh, Parisa** and Pishbahar, Esmaeil. (2016). Analysis of Affecting Factors on Iran's Pistachio Export to Major Business Partners: Using the Fractional Regression Approach, *The 10th Biennial Conference of Agricultural Economics in Iran, Kerman, Iran.*

38. **Pakrooh, Parisa** and Ghahremanzadeh, Mohammad. (2016). Affecting Factors on Supply and Demand side of Iran's Pistachio Export: Focus on Sustainable Development Approach, *National Conference on Passive Defense and Sustainable Development, Tehran, Iran.*
39. **Pakrooh, Parisa.** (2015). Analysis the Structural Changes in Consumer Preferences of Red, Chicken and Fish Meat in Iran, *First International Annual Agricultural Research Conference, Shiraz, Iran.*
40. **Pakrooh, Parisa** and Ghahremanzadeh, Mohammad. (2015). Comparative Advantage and Supportive Indicators of Rapeseed Production in Iran, *First International Annual Agricultural Research Conference, Shiraz, Iran.*
41. **Pakrooh, Parisa** and Hayati, Babollah. (2014). A Survey on the Attitudes of Tabriz Households Toward Medicinal Plants and Identifying the Affecting Factors, *Second National Conference on Medicinal Plants and Sustainable Agriculture, Hamedan, Iran.*

### **3) Book Chapters**

42. **Pakrooh, Parisa**, Esmaeil, Pishabahr (2020) “The Relationship between Economic Growth, Energy Consumption, and CO2 Emissions”, in M. Rashidghalam, *The Economics of Agriculture and Natural Resources: The case of Iran, Chapter 10, Springer.*
43. **Pakrooh, Parisa**, Esmaeil. Pishbahar and Mohammad. Ghahremanzadeh (2019) “Effects of Oil Price and Exchange Rate on Imported Inputs of Livestock and Poultry Industry in Iran”, in M. Rashidghalam, *Sustainable Agriculture and Agribusiness in Iran, Chapter 11, Springer.*

### **4) PROJECTS**

44. Yadavar, Hossein., and **Pakrooh, Parisa.** May 2019-April 2021. Analyzing the Effective Components on Consumer Behavior Toward Healthy and Organic Products with BASNEF Model in Tabriz City, Founded by University of Tabriz, Iran.
45. **Pakrooh, Parisa.**, and Manera, Matteo. Since February 2023. Dependencies and Volatility Spillovers among Carbon, Energy, and Stock Markets in the EU. Founded by MSCA, European Commission, Brussel, Belgium.

### **5) OTHER SKILLS**

#### **Programming Skills**

- 1) STATA
- 2) EVIEWS
- 3) R
- 4) NETICA

- 5) TETRD
- 6) OX
- 7) Minitab
- 8) MATLAB
- 9) ICDL (Microsoft Word, Excel, and etc.)
- 10) Endnote
- 11) SPSS
- 12) GAMS

### **Language Skills**

- 1) ENGLISH (Advanced Knowledge)
- 2) TURKISH & AZERBAIJANI (Native, Mother Languages)
- 3) PERSIAN (Native, Mother Language)
- 4) SWEDISH (Basic Knowledge)
- 5) ARABIC (Basic Knowledge)
- 6) ITALIAN (Intermediate Knowledge)

### **Teaching Experiences**

Econometrics, 2019-2023  
EViews and STATA, 2019-2023

### **Editorial and Review Experiences**

Guest Editor at the Journal of Sustainability, 2024 (*forthcoming*).  
Guest Editor at the Journal of Carbon Footprints, 2022.  
Guest Editor at the International Journal of the Energy-Growth Nexus, 2022.  
Reviewer at the Science of the Total Environment Journal since 2020.  
Reviewer at the Journal of Cleaner Production since 2020.  
Reviewer at the Energy and Environment Journal since 2021.  
Reviewer at the European Journal of Remote Sensing since 2021.  
Reviewer at the Journal of GM Crops & Food since 2021.  
Reviewer at the Journal of Environmental Science and Pollution Research since 2022.  
Reviewer at the Journal of PLOS ONE since 2023.  
Reviewer at the Journal of Energy and Environment since 2023.  
Reviewer at the Journal of Environment, Development and Sustainability since 2023.  
Reviewer at the Journal of African Journal of Agricultural Research since 2023.  
Reviewer at the Journal of Agriculture since 2023.  
Reviewer at the Journal of Atmosphere since 2023.  
Reviewer at the Journal of Forecasting since 2024.  
Reviewer at the Journal of Sustainability since 2024.  
Reviewer at the Journal of Air since 2024.  
Reviewer at the Journal of Agronomy since 2024.

## **Memberships and Other Experiences**

- Research team member of the “International Workshop for Econometrics of the Energy Transition”, 5<sup>th</sup> -6<sup>th</sup> Jun 2024, Fondazione ENI Enrico Mattei, Milan, Italy.  
(<https://www.feem.it/en/ricerca/progetti/workshop-internazionale-econometrics-of-the-energy-transition/>)
- Chair of the “Climate Economic Effects” panel in the 4th Italian Workshop of Econometrics and Empirical Economics - IWEEE2024, Bolzano-Bozen, Italy.  
([https://www.side-iaa.it/sites/side-iaa.it/files/iweee24\\_final\\_program.pdf](https://www.side-iaa.it/sites/side-iaa.it/files/iweee24_final_program.pdf))
- Member of European Association of Environmental and Resource Economists (EAERE) member since 2023.
- Member of the Società Italiana di Econometria (Italian Econometric Association) since 2023
- Participated in EAERE 2023, 28<sup>th</sup> Annual Conference, Limassol, Cyprus.

## **Honors and Awards**

- Winner of Marie Skłodowska Curie Postdoctoral Fellowship (MSCA), European Commission (EU), March (2022).
- Top article and speaker in the Second International and Sixth National Conference of Organic vs. Controversial Agriculture, September (2019), University of Ardabil, Iran.
- Talented student of BS, MSc and Ph.D. educations (University of Tabriz).